



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TC 1700

In re Application of:

Wu, et al.

Serial No.: 09/932,253

Filed: August 16, 2001

For: **Formation of an Optical Component**

Group No.: 1763

Examiner: Roberts P. Culbert

Docket No. LIGHT2260

CERTIFICATION UNDER 37 CFR § 1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date <u>1/9/04</u> in an envelope addressed to:	
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Date <u>1/9/04</u>	Signature

MS Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND REQUEST FOR RECONSIDERATION**

In response to the Office Action mailed August 15, 2003, please amend the application as follows:

**IN THE SPECIFICATION**

Please amend paragraph [0007] as follows:

Another challenge presented by fabrication of optical components is controlling the roughness of surfaces that result from applying the etching medium. For instance, a rough surface can cause scattering and/or undesirable reflection of a light signal. The etching media employed to form optical components are often applied to the wafer in a series of repeated cycles. The Bosch process is an example of an etching technique that employs a series of consecutively repeated cycles. Each cycle includes applying an etching medium to the light transmitting medium followed by applying a passivant to the light transmitting medium. Each cycle results in formation of a bump on the surface being formed. As a result, the repeated cycles is an undesirable source of roughness. For instance, the Bosch method typically provides